SIRIUS
SATELLITE RADIO

# SIR-ALP10T

## ALPINE COMPATIBLE
## SIRIUS SATELLITE RADIO PLUS TRAFFIC TUNER

**Installation Guide**

SIRIUS
connect

## Congratulations on your purchase of the SIR-ALP10T, the Alpine Compatible SIRIUS Satellite Radio Plus Traffic Tuner!

Your new SIRIUS Radio Plus Traffic Tuner is designed to work with compatible Alpine satellite radio ready headunits and traffic ready navigation systems. Contact Alpine or SIRIUS for model compatibility.

### What is SIRIUS Satellite Radio?

**Over 120 channels of the best entertainment and completely commercial-free music for your car, home or office.**

Only SIRIUS has more than 65 original music channels, from today's hits to R&B oldies to classical masterpieces. From authentic country and real bluegrass to cool jazz, hot latin, reggae, rock and many more. Best of all, it's all completely commercial-free.

SIRIUS also has more than 55 channels of world-class sports, news and entertainment. Included as part of your subscription, you get up to 16 NFL games a week, up to 40 NBA games a week and up to 40 NHL games a week. (Games are broadcast during their respective seasons.) Coupled with great sports news from ESPN, the SIRIUS sports offering is unrivaled. And don't forget a host of other great news and entertainment, like NPR, CNBC, Fox News, Radio Disney and E! Entertainment Radio. For more information, visit www.sirius.com.

### What is SIRIUS Traffic?

**Navigational traffic information for 22 major metropolitan areas* in the continental US.**

SIRIUS Traffic conveys navigational traffic information for visual display on a compatible navigation system.

Using a navigation system (such as the Alpine NVE-N872A), traffic data from SIRIUS is displayed either superimposed on a navigation map, or in a list type format displayed on the navigation screen. The data provides traffic speed and flow information as well as scheduled and unscheduled incidents, alerting you to congestion, accidents, road construction, detours, and other traffic related information as you drive. The navigation system's touch and voice recognition controls can provide easy access to detailed information. The SIRIUS Traffic data is updated frequently enabling you to be up-to-date regarding traffic situations. Based on the information from SIRIUS Traffic, the navigation system can then plan alternate routes before you get caught in traffic, and if you make a wrong turn, the system can recalculate your route and get you back on track in seconds.

* Metropolitan areas for which the SIRIUS Traffic service is available as of November 2005 are: Atlanta, Baltimore, Boston, Chicago, Dallas /Ft. Worth, Detroit, Houston, Los Angeles, Miami/Ft. Lauderdale, Minneapolis/St. Paul, New York City, Orlando, Philadelphia, Phoenix, Pittsburgh, San Francisco/Oakland, San Diego, San Jose, Seattle, St. Louis, Tampa, and Washington, DC. Additional cities are expected to be added as they become available.

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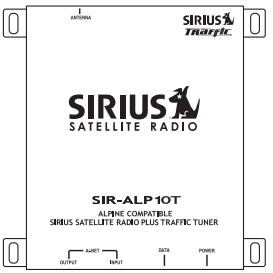
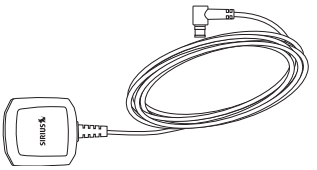
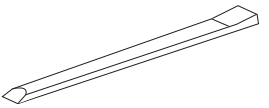
# Package Contents

A 


B 

C 

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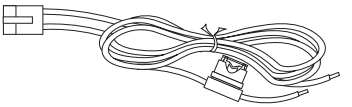
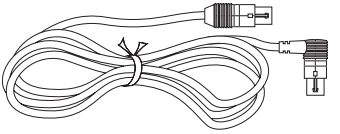
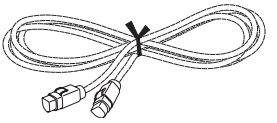
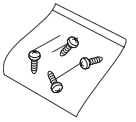
E 

F 

G 

H 

**A SIR-ALP10T Tuner**
**B Magnetic Mini Antenna**
**C Antenna Cable Cover/Tail**
**D Alcohol Swab**
**E Power Harness With In-Line Fuse**
**F 2.5-Meter Ai-NET Cable**
**G 3.5-Meter Data Cable**
**H 4 Mounting Screws**

# WARNING

**This symbol means important instructions. Failure to heed them can result in serious injury or death.**

**DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.**

Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

DO NOT OPEN, DISASSEMBLE OR ALTER THE UNIT IN ANY WAY. Doing so may result in fire, electric shock or product damage.

DO NOT INSERT ANY OBJECTS INTO THE UNIT. Doing so may result in fire, electric shock or product damage.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSE. Failure to do so may result in fire, electric shock or product damage.

MAKE THE CORRECT CONNECTIONS. Failure to make proper connections may result in fire or product damage.

DO NOT SPLICE INTO A ELECTRICAL CABLES. Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT INSTALL IN LOCATIONS THAT MIGHT HINDER VEHICLE OPERATION. Doing so may obstruct vision or hamper movement which can result in a serious accident.

DO NOT INSTALL THE UNIT TO HIGH LEVELS OF HUMIDITY, MOISTURE OR DUST. Doing so can result in electric shock or product failure.

**FCC Warning:** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in this User Guide. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

**Note:** This equipment has been tested and found to comply with Part 15 of the FCC Rules. These rules are designed to provide reasonable protection against harmful interference. This equipment may cause harmful interference to radio communications if it is not installed and used in accordance with these instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of more of the following measures:

- Relocate the receiving antenna.
- Consult the dealer or an experienced technician for help.

# ⚠ CAUTION

**This symbol means important instructions. Failure to heed them can result in injury or material property damage.**

HALT USE IMMEDIATELY IF A PROBLEM APPEARS. Failure to do so may cause personal injury or damage to the product. Return the unit to your authorized retailer or nearest service center for repairing.

INSTALL THE WIRING SO THAT IT IS NOT CRIMPED OR PINCHED BY SCREWS OR SHARP METAL EDGES. Route the cables away from moving parts or sharp pointed edges. This will prevent crimping and damage to the wiring. If the wiring must pass through a metal hole, be sure to use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

USE THE SPECIFIED ACCESSORY PARTS AND INSTALL THE PRODUCT SECURELY. Be sure to use only the specified accessory parts. Use of non-specified parts may damage this unit internally or may not securely install the unit in place. This may cause parts to become loose, resulting in hazards or product failure.

USE CAUTION IF YOU NEED TO DISCONNECT THE BATTERY TERMINAL. Please consult the vehicle's owner's manual or a service technician prior to removing the battery positive or ground connection, as it may cause damage to the vehicle's electrical system or require reprogramming of the vehicle's computer-controlled devices.

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# Installation

It is recommended that prior to starting the installation, you read completely this installation manual and follow the guidelines listed below:

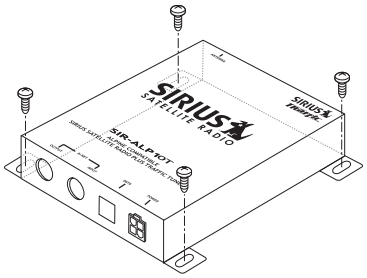
Consider the mounting location carefully. You should make sure that you avoid the following:

- Any location where the tuner is exposed to moisture.
- Any location where the tuner is exposed to extreme heat.
- Any location that would interfere with moving parts on the vehicle or interfere with driving.

**Mounting the SIR-ALP10T Tuner**

Be sure that you find a location that is flat and has clearance above the tuner to prevent any damage, as well as allow for ventilation.

Do not install the tuner under the carpet or in a small enclosed area without proper ventilation. Doing so can result in damage to the tuner or the vehicle. Use the supplied screws to securely fasten the unit.




**⚠ Caution:**

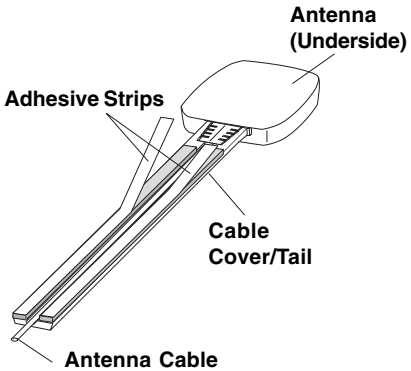
If you are attaching the tuner directly to the vehicle's chassis, be sure that you check to make sure the area behind the tuner is free from moving parts, fuel or brake lines, wire harnesses or any other items which may get damaged by drilling a mounting hole or from the screws.

**Installing the Antenna**

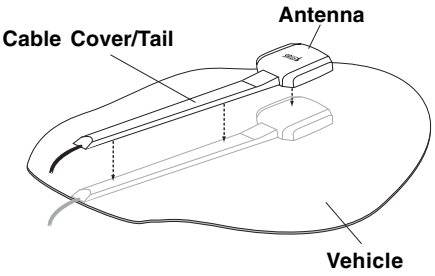
The antenna includes a plastic cable cover/tail which covers the exposed antenna cable and keeps it attached securely to vehicle roof. The tail also helps position the antenna the proper distance from the rear window, sunroof or rear hatch.

To attach the cover/tail:

1. Once you have determined the proper mounting location (see the next section), clean the area with the supplied alcohol swab.
2. Connect the antenna cover/tail to the antenna cable, making sure that the strain-relief on the antenna seats into the cover/tail groove. Route the cable through the wire channel in the cover/tail.




3. Remove the protective tape from the adhesive and carefully position the antenna with cover/tail and apply pressure to secure it to the vehicle.



**Optimum Antenna Mounting Locations**

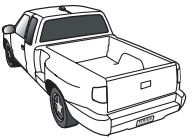
The optimum location to mount the antenna is on the roof of the vehicle. It is important to avoid any obstruction that will block the satellite signal, such as a roof rack. For convertible vehicles, install the antenna on the trunk lid as shown.

- Place the antenna on a metal surface of your vehicle at least 12" x 12", and at least 6" from a window. (Use the antenna cover/tail as a guide for the proper distance from the rear window.)
- The antenna's magnet will secure it to the metal surface. The adhesive that is attached to the antenna cover/tail will secure the cable to the vehicle. Before routing the antenna cable, confirm that the antenna is mounted in a suitable location.
- Route the cable from the antenna to the vehicle's interior by tucking it underneath the rubber molding around the rear window, if possible.
- Route the cable from the lowest point of the rear window into the trunk. Take advantage of any existing cable channels or wiring conduits.
- For SUVs, minivans and five-door vehicles, bring the cable into the vehicle under the rubber molding of the tailgate, and continue under the interior trim.
- From the trunk, carefully route the cable to the location of the SIR-ALP10T and plug the SMB connector into the tuner.

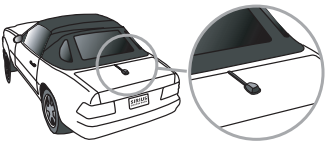
**Sedan/Coupe**

**SUV/Mini-Van**

**Truck**



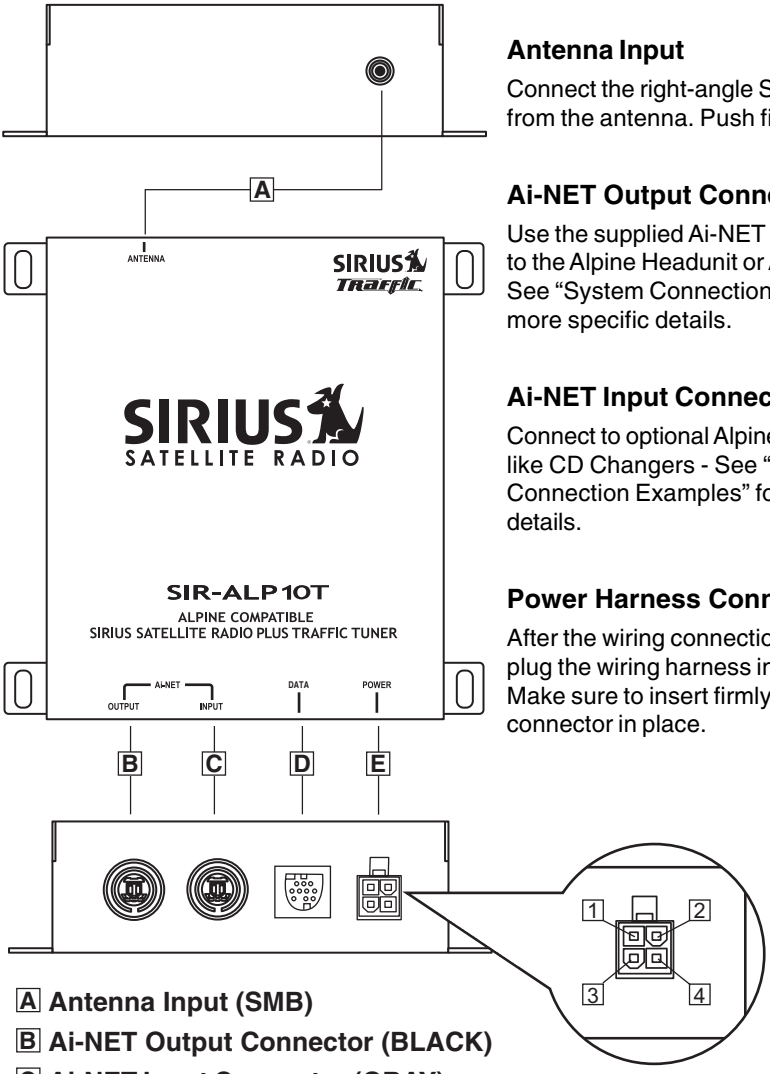
**Convertible (only)**



**⚠ Caution:**

- Do not pull the wire across sharp edges that could damage it.
- Keep the wire away from areas where it could become tangled in the driver's and passenger's feet.
- Keep the antenna wire away from extreme heat, such as exhaust systems.
- Avoid placing the cable near any moving parts.

# Wiring and Cable Connections




### Antenna Input

Connect the right-angle SMB connector from the antenna. Push firmly to attach.

### Ai-NET Output Connector

Use the supplied Ai-NET cable to connect to the Alpine Headunit or Audio Processor – See “System Connection Examples” for more specific details.

### Ai-NET Input Connector

Connect to optional Alpine audio equipment like CD Changers - See “System Connection Examples” for more specific details.

### Power Harness Connector

After the wiring connections are complete, plug the wiring harness into the connector. Make sure to insert firmly to lock the connector in place.

**A Antenna Input (SMB)**

**B Ai-NET Output Connector (BLACK)**

**C Ai-NET Input Connector (GRAY)**

**D DATA Connector (BLACK)**

**E Power Connector**

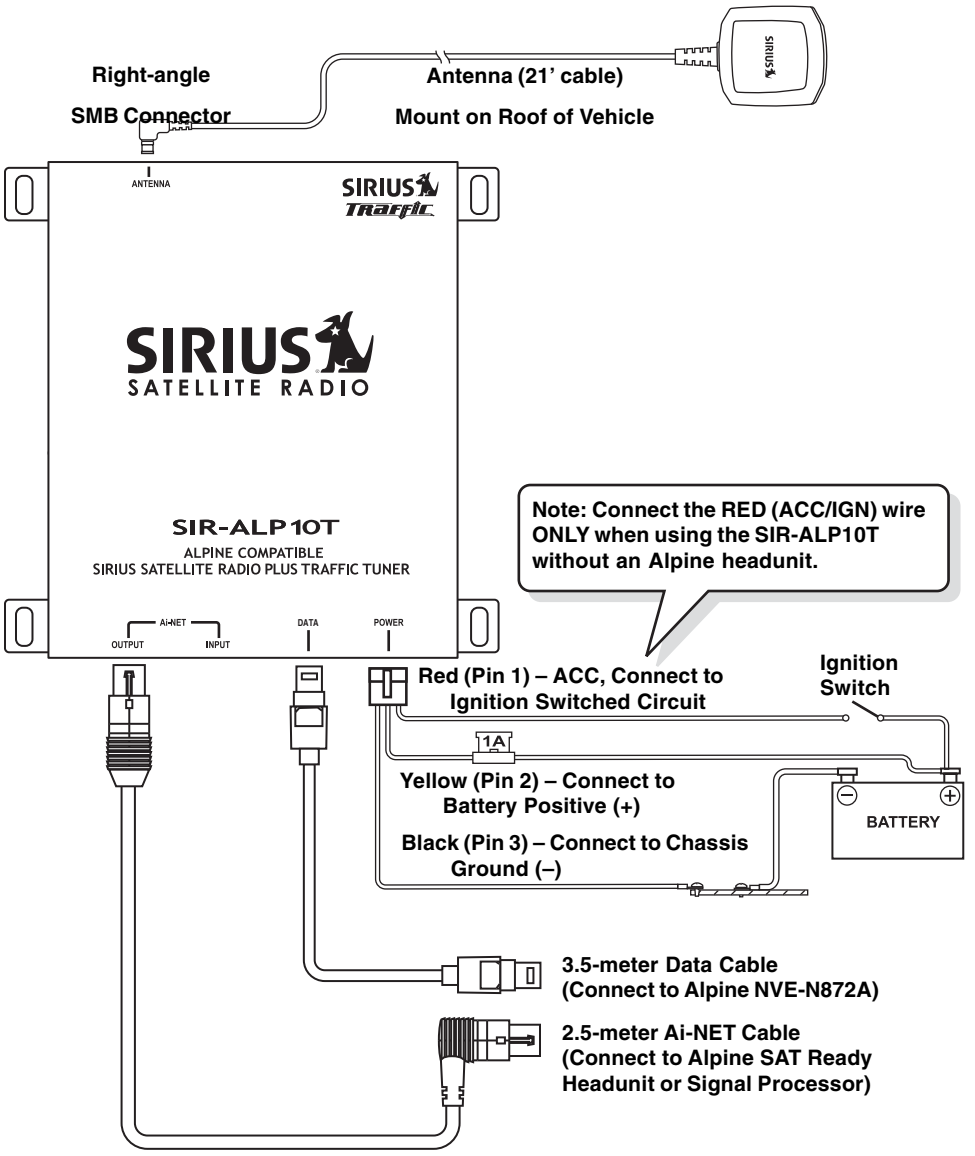



**1 ACC (Ignition Switched)**
- Used in standalone navigation system applications (no audio headunit)

**2 Battery (+)**

**3 Ground (-)**

**4 No Connection**



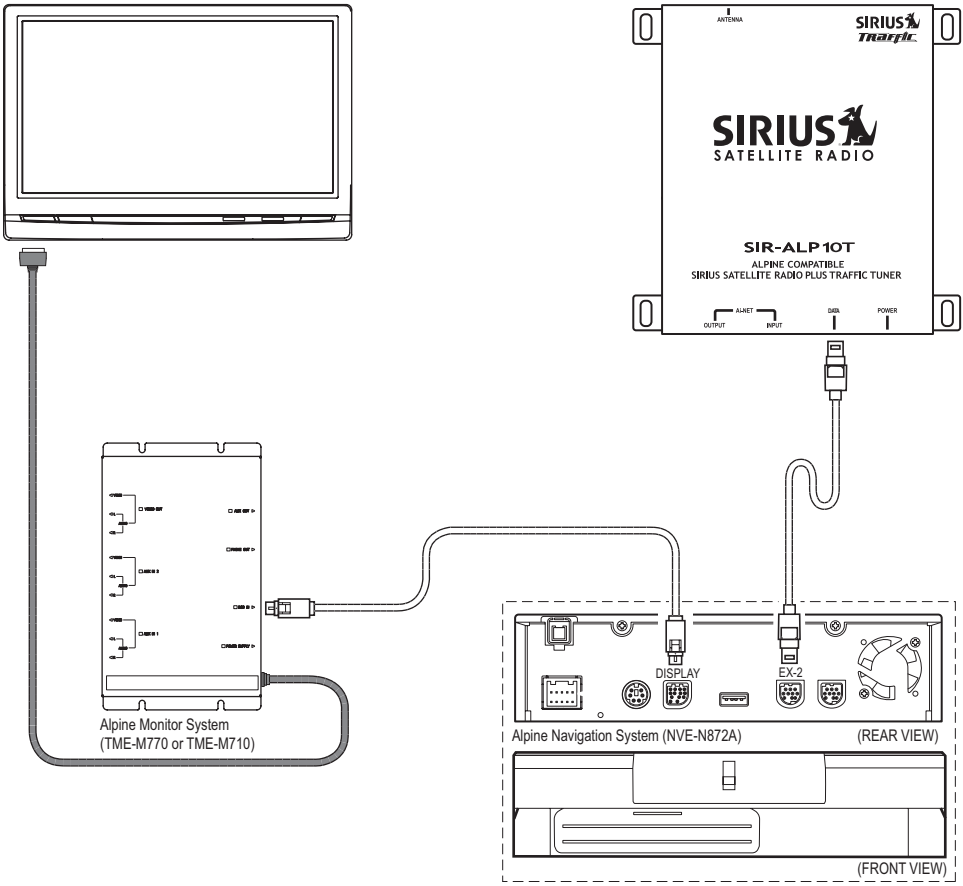

**Note: It is important to follow the Input/Output configuration of the Ai-NET system. The directionality is in reference to the Audio Path.**

**Gray Ai-NET connectors are Audio Input**

**Dark Blue Ai-NET Connectors are Audio Output. (Exception is the connector on an Alpine Headunit – it can be either Input or Output depending on the position of the Ai-NET switch on the bottom of the unit.**

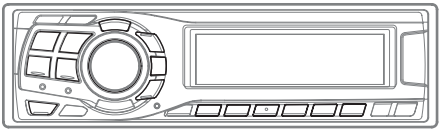
# System Connection Examples

### System 1: Alpine Navigation System and SIR-ALP10T



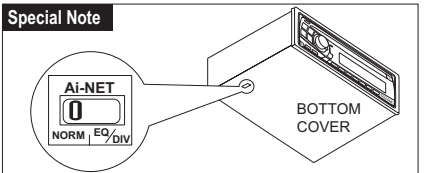

**Note: For this system configuration, be sure to connect the RED wire on the SIR-ALP10T to a fused ACC or IGN line.**

## System 2: Alpine Headunit, Alpine Navigation System, and SIR-ALP10T

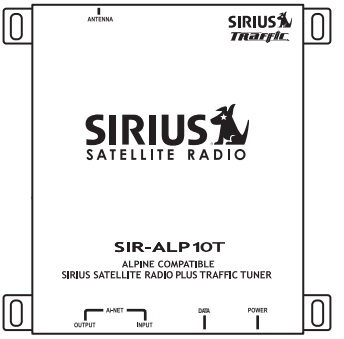


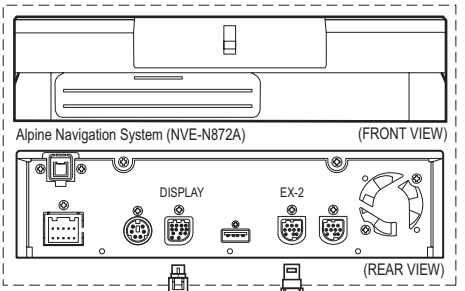
Alpine SAT Ready Headunit (Ai-NET CD Player or Mobile Multimedia Station)

**Special Note**



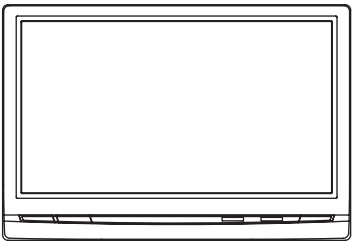

Ai-NET Switch Set to NORM~ Default Setting.



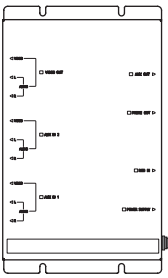




Alpine Navigation System (NVE-N872A) (FRONT VIEW)

(REAR VIEW)



Alpine Monitor Headunit

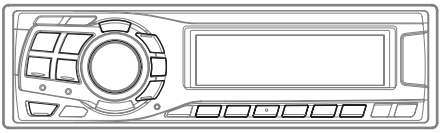


Alpine Monitor System (TME-M770 or TME-M710)

**Note: For this system configuration, DO NOT connect the RED (ACC/IGN) line on the SIR-ALP10T.**

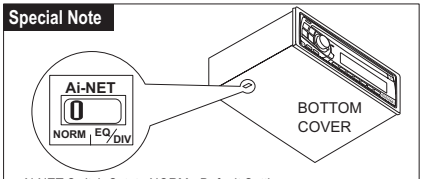
# System Connection Examples (Continued)

## System 3: Alpine Headunit, Alpine Navigation System, CD Changer or IPOD Interface, and SIR-ALP10T

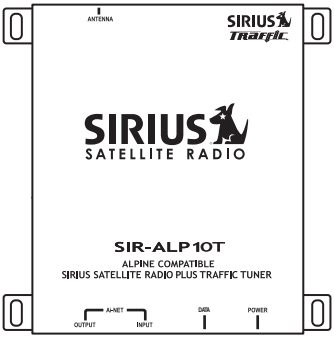


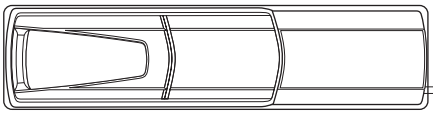
Alpine SAT Ready Headunit (Ai-NET CD Player or Mobile Multimedia Station)

**Special Note**

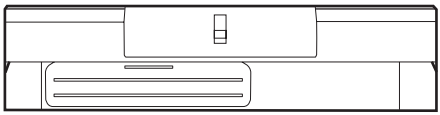



Ai-NET Switch Set to NORM~ Default Setting.

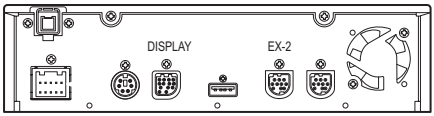


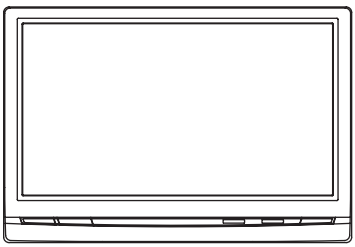
Alpine CD Changer (CHA-S634) / Alpine iPOD interface (KCA-420i)



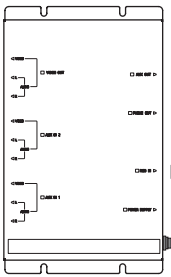
Alpine Navigation System (NVE-N872A) (FRONT VIEW)




(REAR VIEW)



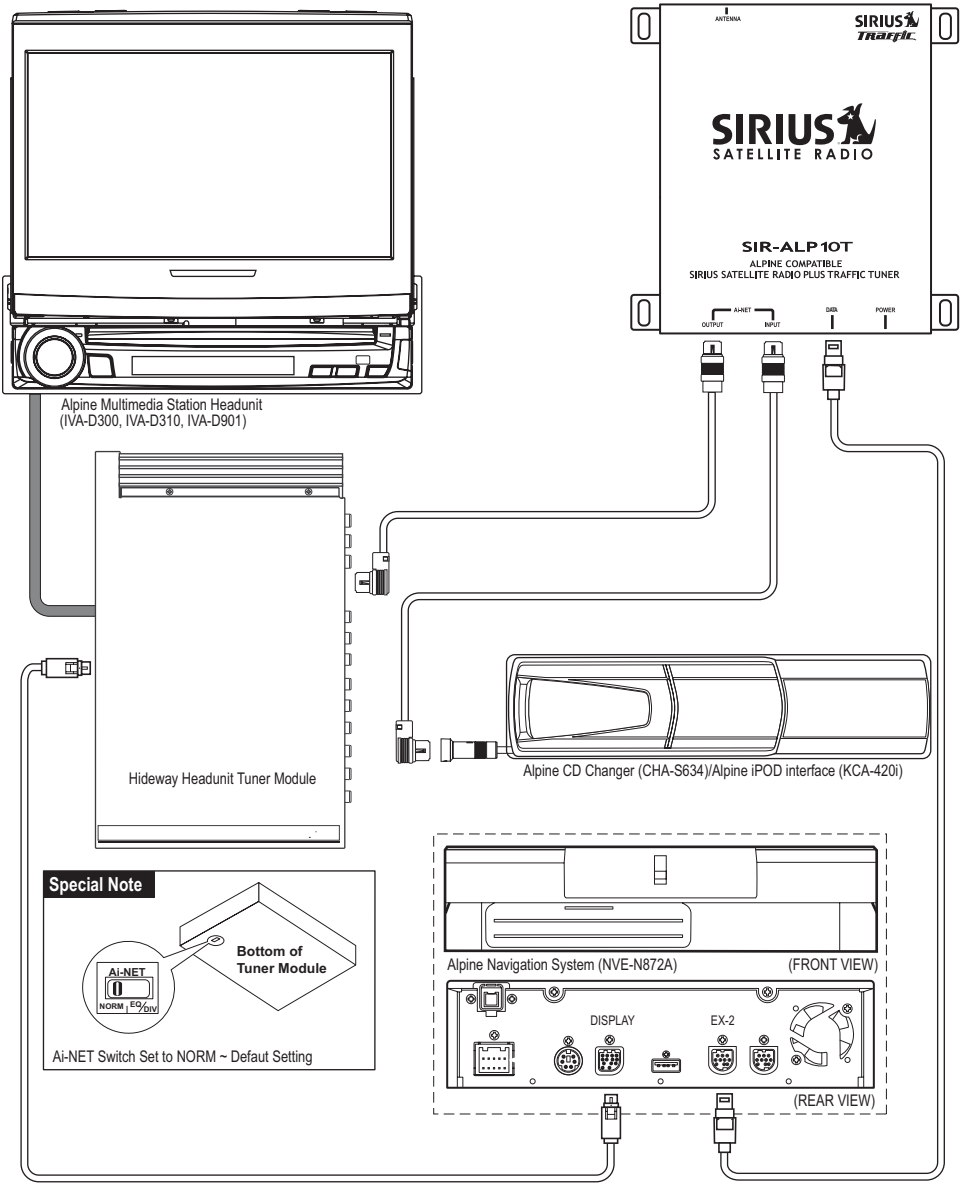
Alpine Monitor Headunit



Alpine Monitor System (TME-M770 or TME-M710)

**Note: For this system configuration, DO NOT connect the RED (ACC/IGN) line on the SIR-ALP10T.**

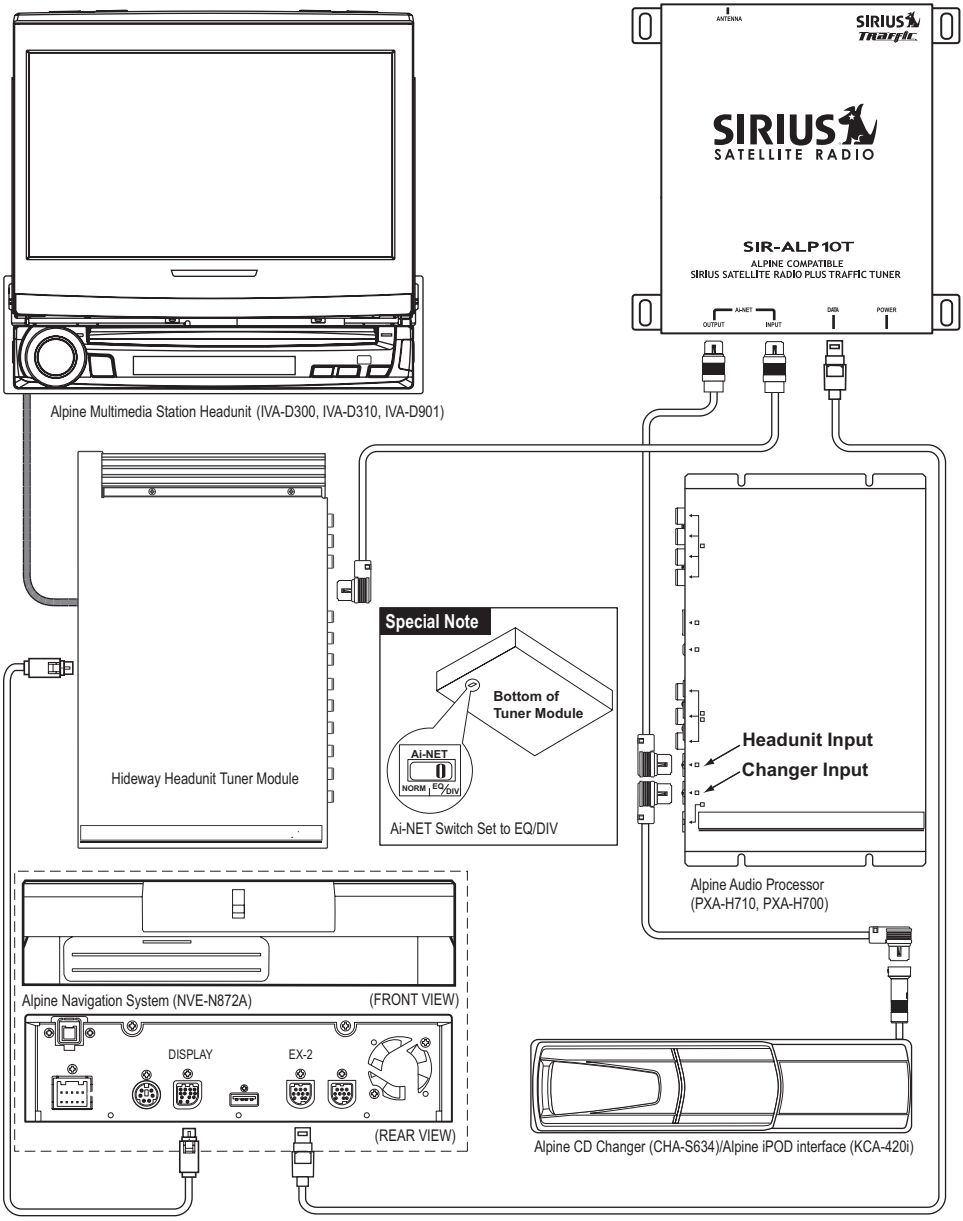
## System 4: Alpine Multimedia Headunit, Alpine Navigation System, CD-Changer or IPOD Interface, and SIR-ALP10T




**Note: For this system configuration, DO NOT connect the RED (ACC/IGN) line on the SIR-ALP10T.**

# System Connection Examples (Continued)

## System 5: Alpine Multimedia Headunit, Alpine Navigation System, CD-Changer or IPOD Interface, Audio Processor, and SIR-ALP10T




**Note: For this system configuration, DO NOT connect the RED (ACC/IGN) line on the SIR-ALP10T.**

# Activating Your SIRIUS Subscriptions

You must activate the SIR-ALP10T before you can start to receive the SIRIUS Satellite Radio service and the SIRIUS Traffic service. Each is a separate service, and each needs to be activated individually.

In order to activate your radio and traffic subscriptions, you will need the two SIRIUS IDs (SIDs) – one for the SIRIUS Satellite Radio service and one for the SIRIUS Traffic service – which uniquely identify your SIR-ALP10T tuner. The SIDs may be found on sticker located on the bottom of the SIR-ALP10T packaging or on the bottom of the unit itself.

The label will have printed on it two 12-digit SID numbers. The first will be the Data SID for the SIRIUS Traffic service, for example, "Data SID: 123456789012". The second is the Audio SID for the SIRIUS Radio service, for example, "Audio SID: 987654321098". **Note:** It is possible to activate only the audio or the traffic service, just use the appropriate SID. When you have located both SIDs, write them down in the space provided on page 22 of this manual.

## Obtaining the Audio SID from the Alpine Headunit

If you do not have access to the SID stickers on the packaging or on the product, you can obtain the Audio SID using the following method.

1. Make sure that the SIR-ALP10T is properly connected, and that the antenna is oriented to receive the SIRIUS satellite signal.
2. Press and release the POWER/ SOURCE button on the audio headunit to select SIRIUS as the source. (Each press of the button will change to a different audio source.)
3. The display may read "UPDATING" or "CALL 888-539-SIRIUS TO SUBSCRIBE" until the SIR-ALP10T channel update is completed.

   **NOTE: Don't push any buttons or perform any operations until updating has been completed.** Once updated, and the SIRIUS channels are being received, the display will change to Channel 184, the SIRIUS Satellite Radio's Preview Channel. At this time you should also be able to hear the audio from the Preview Channel.
4. Use the UP/DN buttons to select channel "255" on the display.
5. Once tuned to channel 255, the headunit will display "SIRIUS" in the Category Name Field, "RADIO ID" in the Channel Field, and the Audio SID in the Artist and Song fields of the display. **Note:** You may have to press the TITLE button on the Alpine headunit to show the Audio SID. Be sure that the headunit is set to Auto Scroll the text. If not, you may only see the first eight characters of the SID. (See your Alpine headunit owners manual for more information.)
6. Copy the Audio SID to the space provided on page 22 of this manual.

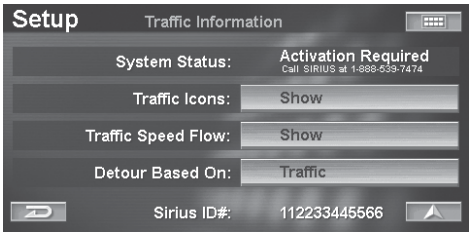
## Obtaining the Data SID from the Alpine NVE-N872A Navigation System

1. Turn on the Alpine navigation system and monitor/display.
2. The navigation system will display a disclaimer notice. Select *I ACCEPT* to proceed.
3. When the map screen is displayed, touch the menu icon in the upper right corner of the display screen.

4. When the Nav Menu screen is displayed, touch the *Setup* button, or select it by tilting the joystick to highlight it and press the *ENTER* button.

5. When the Setup screen is displayed, touch the *Traffic Information* selection, or select it by tilting the joystick to highlight it and press the *ENTER* button. **Note:** If the Traffic Information selection is grayed out and cannot be selected, this indicates that the SIR-ALP10T is not connected, or connected incorrectly. Check to be sure you have correctly installed the SIR-ALP10T according to the instructions in this manual.

6. The next Setup screen will display the Data SID near the bottom of the screen where it says *Sirius ID*. Copy the Data SID to the space provided on page 22 of this manual.




## Activating the SIRIUS Audio and/or Data Services

1. Be sure that your Alpine headunit and Navigation systems are turned on and that you have the SID information available.
2. Call SIRIUS toll-free at 1-888-539-SIRIUS (1-888-539-7474) to activate your subscriptions.
3. During the activation process, be sure to tell the operator that have a receiver on which you want to activate both a SIRIUS Radio service subscription and a SIRIUS Traffic service subscription. Provide the operator with both the Audio SID and the Data SID.

Once the subscription process is completed, your audio and/or navigation system is ready to use. Refer to the Alpine headunit and/or navigation system owners manuals for operation instructions.

If you have subscribed to the SIRIUS Traffic service, proceed to the next section to continue with the traffic information setup.

# Traffic Information Setup

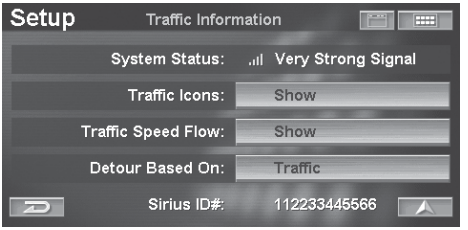
The traffic information setup controls the way the traffic and navigation information is displayed. To review and/or change these parameters:

1. Turn on the Alpine navigation system and monitor/display.
2. The navigation system will display a disclaimer notice. Select *I ACCEPT* to proceed.
3. When the map screen is displayed, touch the menu icon in the upper right corner of the display screen.

4. When the Nav Menu screen is displayed, touch the *Setup* button, or select it by tilting the joystick to highlight it and press the *ENTER* button.

5. When the Setup screen is displayed, touch the *Traffic Information* selection, or select it by tilting the joystick to highlight it and press the *ENTER* button.

6. The next Setup screen will display the system status and the traffic setup parameters.




The following sub-sections explain each of the traffic information setup parameters.

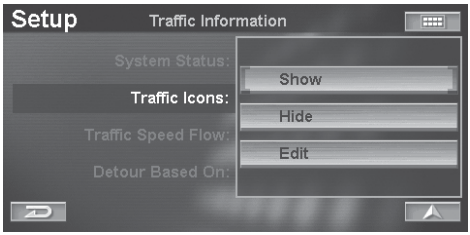
## System Status

System Status indicates the strength of the SIRIUS data signal being received:

(Very Strong Signal)
(Strong Signal)
■□□□ (Weak Signal)
□□□□ (No Signal)

## Traffic Icons

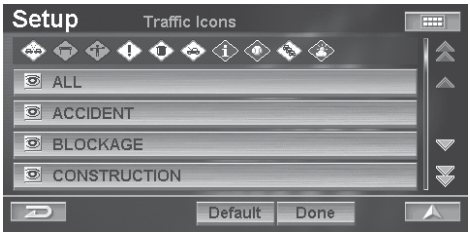
When the system receives traffic incident information, you can choose whether to display the traffic incident information as icons on the map screen. Traffic incident icons are displayed when the map scale is set between 1/32 mile (50 m) and 5 miles (10 km).




To change the Traffic Icon setting, touch *Traffic Icons*, or select it by tilting the joystick to highlight your selection and press the *ENTER* button.

*Show:* The selected traffic incident icons are displayed on the map screen. If *Show* is selected, you may also choose the types of traffic incidents you want to be displayed.

*Hide:* No traffic incident icons are displayed on the map screen.




If *Show* is selected, to change the types of traffic incident icons which are displayed:

1. Touch *Edit*, or select it by tilting the joystick to highlight it and press the *ENTER* button.
2. From the list, select (or de-select) the types of traffic icons. Traffic incident icon types with a checkmark next to them will be displayed on the map.

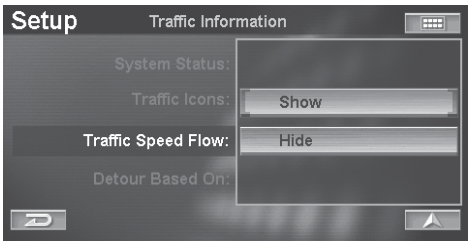
   Touch the icon type, or select (or de-select) by tilting the joystick to highlight the selection and press the *ENTER* button.
3. Selecting *ALL* will choose to display all traffic incident icons.
4. When complete, touch *Done*, or select it by tilting the joystick to highlight it and press the *ENTER* button.

Selecting the *Default* button will choose to display all traffic incident icons.

## Traffic Speed Flow

When the system receives information about traffic flow (congestion), you can choose whether to display the traffic flow information on the map screen.

Traffic flow information is displayed when the map scale is set between 1/32 mile (50 m) and 5 miles (10 km).




To change the Traffic Speed Flow setting, touch *Traffic Speed Flow*, or select it by tilting the joystick to highlight your selection and press the *ENTER* button.

*Show:* Traffic flow information is displayed on the map screen.

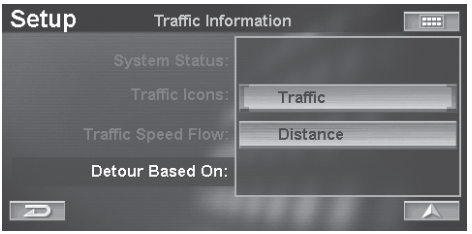
*Hide:* No traffic flow information is displayed on the map screen.

Traffic speed flow information is viewable on the map only for those roads for which this information is provided by the SIRIUS Traffic service. Contact SIRIUS for updated information on traffic flow coverage for your area.

## Detour Based On

When you select *Detour* in the Traffic Incident List screen, or press the *Detour* button on the remote control, the system will allow you to detour your route based

upon the setting you have chosen, traffic or distance.




To change the Detour Based On setting, touch *Detour Based On*, or select it by tilting the joystick to highlight your selection and press the *ENTER* button.

*Traffic:* The system will provide a detour by considering traffic congestion reported along the route within 30 miles ahead of the vehicle. This option should be chosen if you plan to use the detour feature to avoid traffic congestion.

*Distance:* the system will provide a detour by considering the distance selected by the user.

# Basic Operation

The SIR-ALP10T SIRIUS Satellite Radio Plus Traffic Tuner is compatible with most Alpine satellite ready headunits from 2001 and up. The satellite traffic data is compatible with the Alpine NVE-N872A Navigation System. Consult the Alpine or SIRIUS Customer Support Departments for more information about compatibility.

For information about operating your Alpine headunit, consult the manual which accompanied the headunit.

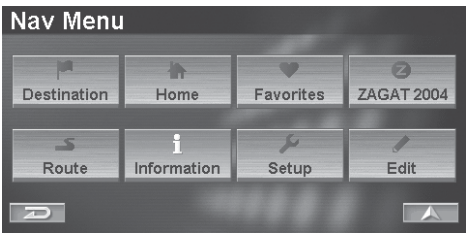
The following sections describe the basic operation of the NVE-872A Navigation System.

### Traffic Incident List

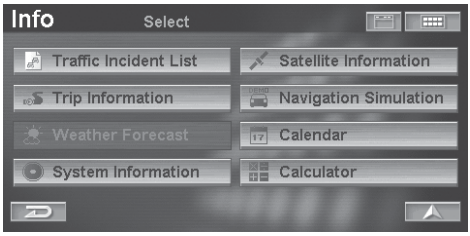
If you have subscribed to the SIRIUS traffic service, you can display the *Traffic Incident List* screen in order to confirm traffic information enroute to a destination, or on roads in the vicinity of the vehicle:

1. When the map screen is displayed, touch the menu icon in the upper right corner of the display screen.

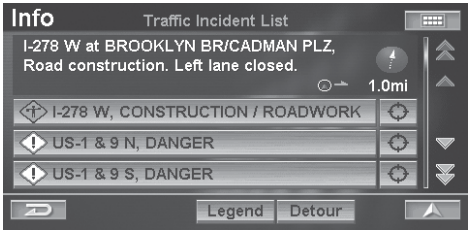
2. When the Nav Menu screen is displayed, touch the *Information* button, or select it by tilting the joystick to highlight it and press the *ENTER* button.



3. When the *Info* screen is displayed, touch the *Traffic Incident List* selection, or select it by tilting the joystick to highlight it and press the *ENTER* button.




4. The *Traffic Incident List* screen is displayed and provides a list of traffic incident information in the vicinity of the vehicle.




There are several options available to you from this screen, which are described in the following sections:

**Traffic Incident**

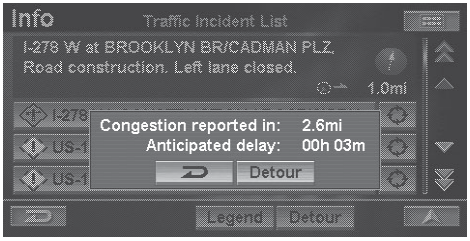
Touching a specific traffic incident from the list (or selecting it by tilting the joystick to highlight it and pressing the *ENTER* button) will display details about the traffic incident. Note that it is possible for the detailed information to be identical to the summary information.

**Crosshairs Icon**

Touching the crosshairs icon next to a traffic incident entry (or selecting it by tilting the joystick to highlight it and pressing the *ENTER* button) will display a map of the area surrounding the selected traffic incident.

**Detour Button**

Touching the *Detour* button, or tilting the joystick to highlight the selection and pressing the *ENTER* button, will cause the system to analyze the traffic data within 30 miles of the vehicle's position. If traffic congestion is found, a message is displayed informing you of the distance to the congestion and the anticipated delay if the congestion is not detoured. Note that the *Detour Based on Traffic* option (described previously) must be selected in the traffic setup for this feature to work.




To begin calculating a detour, touch *Detour*, or select it by tilting the joystick to highlight it and press the *ENTER* button. To not plan a detour, touch the button, or select it by tilting the joystick to highlight it and press the *ENTER* button.

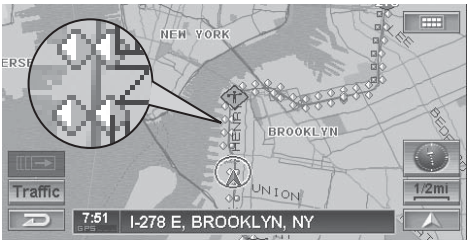
**Legend Button**

Touching the Legend button, or tilting the joystick to highlight the selection and pressing the *ENTER* button, displays a list of the icons associated with each incident, and defines the meaning of each icon.

| Icon | Legend |
|---|---|
| | Accident |
| | Blockage |
| | Construction / Roadworks |
| | Danger |
| | Debris |
| | Disabled Vehicle |
| | Information |
| | Sports Event |
| | Traffic Jam |
| | Weather |

### Viewing Traffic Speed and Flow Icon Information

When you have set the system to display traffic speed and flow icons on the map display (discussed previously), the icons are displayed in several shapes and colors to indicate traffic speed.




| Icon | Speed | |
|---|---|---|
| Red Square | 0-10 mph | 0-20 km/h |
| Yellow Diamond | 10-45 mph | 20-90 km/h |
| Green Dot | 45+ mph | 90+ km/h |

Traffic incident icons and detailed information is available for all reported incidents.

## Audio Headunit Messages

These messages vary by headunit model. Consult your Alpine headunit owners manual for more information.

**LOADING** - Indicates that the SIR-ALP10T is acquiring audio and/or program information.

**UPDATING** or **CALL 1-888-CALL SIRIUS TO ACTIVATE** - This message appears when the SIR-ALP10T is receiving a subscription update or during a channel or category update.

**NO SIGNAL or NO SIGNAL or ACQUIRING** - Will be displayed when there is a weak or no antenna signal present.

**ANTENNA or ANTENNA ERROR** - Will be displayed if the antenna is damaged or disconnected.

## Navigation System Messages

**CHECK ANTENNA** - The antenna is not connected to the SIR-ALP10T. Check the antenna cable to be sure it is securely attached to the unit.

**UPDATING CHANNELS** - This message appears when the SIR-ALP10T is receiving channel mapping updates.

# Specifications

Operational Frequencies
Satellite ..... 2322.293/2330.207 MHz
Terrestrial ..... 2326.250MHz
Power Requirements ..... 8-16 Volts DC
Fuse Type ..... 1-AMP (ATC)
Chassis Size (without Mounting Tabs) ..... 4-1/8" x 5" x 1-3/8" (WxHxD)
105mm x 126mm x 35mm (WxHxD)
Chassis Size (with Mounting Tabs) ..... 4-7/8" x 5" x 1-3/8" (WxHxD)
127mm x 126mm x 35mm (WxHxD)
Antenna Type ..... Mini-Magnetic
Antenna Cable Length ..... 21' (single micro-cable)
Connector Type ..... SMB (Right-angle)
Audio Interface ..... 2 Ai-NET Connectors (Input/Output)
Audio Output ..... 850mV (Fixed)
Weight ..... 0.528 kg. (1.16 lbs.)
Included Cables ..... 2.5 Meter Ai-NET (Male/Male)
3.5 Meter Data Cable (Male/Male)

**Note:** Design and specifications are subject to change without notice.

**Please write down your SIRIUS IDs in the space provided below:**

**SIRIUS Radio Service SID:** _____

**SIRIUS Traffic Service SID:** _____

**SIRIUS Customer Service: 1-888-539-7474**

# 12 MONTH LIMITED WARRANTY

Sirius Satellite Radio warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with new or reconditioned product (at the Company's option) without charge for parts and repair labor. To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the location shown below under **WARRANTY RETURN**.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, compact discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**WARRANTY RETURN:** To obtain repair or replacement within the terms of this Warranty, please return product to an authorized Directed Electronics Dealer or call (800) 869-5590; proof of purchase and description of defect are required. Products to be returned to an approved warranty station must be shipped freight prepaid.

**SIR-ALP10T Warranty card (Sept. 2005)**

**SIRIUS Satellite Radio**
**1221 Avenue of the Americas**
**New York, NY 10020**
**(888) 539-7474**
**www.sirius.com**

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SIR-ALP10T Manual (102405b)

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